



CPCCLS2001 Licence to erect, alter and dismantle scaffolding basic level

STUDENT ACTIVITY BOOK

Student full name	
Date:	

CPCCLSF2001 Licence to erect, alter and dismantle scaffolding basic level

This unit specifies the skills and knowledge required to safely perform basic scaffolding work.

Scaffolding work involves erecting, altering or dismantling a temporary structure to support a platform from which a person or object could fall more than four metres.

This unit applies to scaffolding work involving:

- modular or pre-fabricated scaffolds
- cantilevered materials hoists with a maximum working load of 500 kg
- ropes
- gin wheels
- safety nets and static lines
- bracket scaffolds (tank and formwork).

Scaffolding work is undertaken in construction and other industries where temporary structures are erected, altered and dismantled.

Completion of the general construction induction training program, specified in the Safe Work Australia model Code of Practice: Construction Work, is required by anyone carrying out construction work. Achievement of CPCCWHS1001 Prepare to work safely in the construction industry meets this requirement.

Competence in this unit does not in itself result in a licence. A licence is obtained after competence is assessed under applicable Commonwealth, state or territory work health and safety (WHS) regulations.

STUDENT ACTIVITY BOOK

STUDENT RECORD OF TRAINING - Student Details

Student full name			
Trainer/Assessor			
Trainer/Assessor name		Date	
Trainer/Assessor comments			

STUDENT INSTRUCTIONS

1. The activity book is used as learning resource only and is not for assessment, it may be used in conjunction with the student guide and or PowerPoint
2. All questions should be attempted
3. Discussion with other students is permitted during activity book
4. Assistance from the Trainer/Assessor may be requested to clarify a question
5. More than one multiple choice answer may be correct
6. Return or hand the activity book to the Trainer/Assessor or the RTO once completed
7. You may choose to mark your own activity book during your RTO attendance if desired

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Short Questions	S	NS	Short Questions	S	NS
<p>1. What documentation needs to be considered before erecting refabricated scaffolding?</p> <p><i>Provide two examples</i></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>2. Who would you consult with to clarify information on structural charts or plans?</p> <p>a. Work health and safety officer</p> <p>b. Engineer or suitably qualified person</p> <p>c. Union representative</p> <p>d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>3. Who can authorise changes to the installation design on a scaffold plan?</p> <p>a. Work health and safety officer</p> <p>b. A suitably qualified person</p> <p>c. Union representative</p> <p>d. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>4. What persons could you consult with when planning for scaffold tasks?</p> <p>a. Other scaffolders</p> <p>b. Doggers and riggers</p> <p>c. Designers and engineer's</p> <p>d. Supervisors</p> <p>e. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>5. What else should be planned for other than hazards prior to starting work?</p> <p><i>Provide six (6) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>6. What are four (4) ways to obtain workplace safety information?</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>7. If a high-risk worker is not working safely under a high-risk work licence, what can the work health and safety regulator do?</p> <p><i>List three examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>8. What must an employer provide, before you can perform new or unknown scaffolding activities?</p> <p><i>List four examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>9. What obligations do employers have to ensure the health and safety of all workers?</p> <p><i>Provide four (4) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>10. List three (3) ways you can ensure you meet the duty of care requirements.</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>11. What types of scaffolding tasks can a basic scaffolder conduct on a worksite? Provide five (5) examples</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>12. When erecting scaffold, what platform height will require a High-Risk Work Licence?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>13. When can a basic scaffolder use tube and coupler scaffold components? Provide four (4) examples</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>14. What is the purpose of completing a Safe Work Method Statement (SWMS)?</p> <p>a. Used to identify hazards</p> <p>b. Used to assess risk and document controls</p> <p>c. Used to manage hazards involved in tasks you intend to undertake</p> <p>d. Used to comply with safe work requirements</p> <p>e. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>15. What actions should be taken in the event that something unsafe occurs while working?</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>16. What types of information will supply details on the inspection, use and care of equipment?</p> <p>a. Australian standards</p> <p>b. Service and maintenance checklist and records</p> <p>c. Site general arrangement plan</p> <p>d. Manufacturer specifications</p> <p>e. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>17. Briefly explain the meaning of the following terms</p> <div style="border: 1px solid black; padding: 10px; margin-top: 20px;"> <p>A Hazard</p> <p>.....</p> <hr/> <p>A Risk</p> <p>.....</p> </div>				<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
18. What type of workplace hazards/risks need to be considered prior to undertaking scaffolding activities? <i>Provide a <u>total of six (6) examples</u> relevant to scaffolding activities</i>			<input type="checkbox"/>	<input type="checkbox"/>	

<i>Structure or environment</i>	<i>Movement</i>
<p>.....</p> <p>.....</p>	<p>.....</p> <p>.....</p>

<i>Underground and overhead</i>	<i>Equipment</i>
<p>.....</p> <p>.....</p>	<p>.....</p> <p>.....</p>

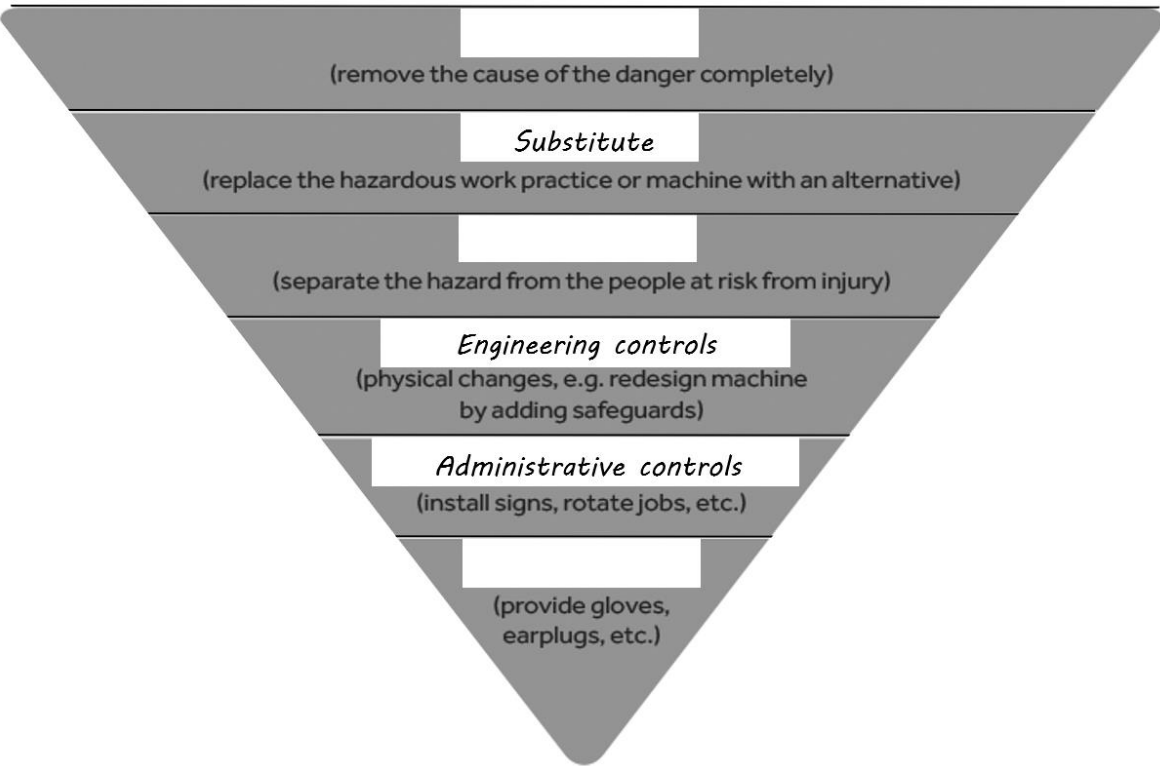
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Short Questions	S	NS	Short Questions	S	NS	
<p>19. Complete the following questions</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p>Who would you consult with about workplace hazards prior to working? <i>Provide four examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> </div> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p>What is the purpose of consulting these persons about workplace hazards?</p> <p>.....</p> </div>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>20. What type of risk controls could be used to protect and or manage the movement of personnel, pedestrians, vehicles or mobile plant?</p> <p><i>Provide three (3) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>21. What needs to be in place before conducting scaffolding activities in a low light environment?</p> <p>a. Exclusion zones</p> <p>b. Communication</p> <p>c. Adequate lighting</p> <p>d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	

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Short Questions	S	NS	Short Questions	S	NS
22. Complete the following questions			<input type="checkbox"/>	<input type="checkbox"/>	
<p>What is the risk when a crane is operating near a scaffold? Provide two (2) examples of risks</p> <p>.....</p> <p>.....</p>					
<p>What risk control measures can be put in place to control the risk? Provide three (3) examples of controls</p> <p>.....</p> <p>.....</p> <p>.....</p>					

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Short Questions	S	NS	Short Questions	S	NS
<p>23. What are the missing controls from the hierarchy?</p> <p>a. Isolate, Hesitate, Personal protective equipment</p> <p>b. Eliminate, Isolate, Personal protective equipment</p> <p>c. Hesitate, Eliminate, Personal protective equipment</p> <p>d. None of the above</p>				<input type="checkbox"/> 	<input type="checkbox"/>
					
<p>24. List three (3) visual signs to identify the location of power lines on your worksite.</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/> 	<input type="checkbox"/> 	<p>25. How can you establish the voltage of overhead power lines?</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/> 	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS										
<p>26. If necessary, how can you work closer than the prescribed safe operating distance for power lines?</p> <p><i>Provide three (3) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>													
<p>27. What minimum safe distances must you maintain when working near electric lines <u>in your state</u>?</p> <table border="1" style="margin-left: 20px; border-collapse: collapse; width: 200px;"> <thead> <tr style="background-color: #cccccc;"> <th colspan="2">QLD</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">Up to 132,000v</td> <td style="width: 50px;"></td> </tr> <tr> <td style="padding: 2px;">132,000v to 220,000v</td> <td></td> </tr> <tr> <td style="padding: 2px;">220,000v to 275,000v</td> <td></td> </tr> <tr> <td style="padding: 2px;">Above 275,000v</td> <td></td> </tr> </tbody> </table>	QLD		Up to 132,000v		132,000v to 220,000v		220,000v to 275,000v		Above 275,000v					<input type="checkbox"/>	<input type="checkbox"/>
QLD															
Up to 132,000v															
132,000v to 220,000v															
220,000v to 275,000v															
Above 275,000v															
<p>28. What are two risk controls that can be used to prevent access to an incomplete scaffold that will be left unattended?</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>29. What type of risk controls should be used where it is not feasible to eliminate the risk of falls?</p> <p>a. Fall arrest system</p> <p>b. Install temporary platforms</p> <p>c. Edge protection</p> <p>d. Exclusion zones</p> <p>e. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>										

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Short Questions	S	NS	Short Questions	S	NS
<p>30. What emergency plan or procedures must be in place regarding fall prevention and fall arrest equipment use?</p> <ul style="list-style-type: none"> a. Environmental management plan b. Rescue procedures for fall-arrest systems c. Emergency plans that identify the location and method of access for the rescuer d. None of the above 	<input type="checkbox"/>	<input type="checkbox"/>	<p>31. How can you minimise the risk caused by tools and equipment falling from height?</p> <ul style="list-style-type: none"> a. Fall arrest platforms b. Overhead protective structures c. Perimeter containment screens d. Exclusion zones e. Scaffold belt and tool lanyards f. All the above 	<input type="checkbox"/>	<input type="checkbox"/>
<p>32. How can you reduce manual handling and safely move tools or materials into a work area?</p> <ul style="list-style-type: none"> a. Incorporate rest breaks into the task b. Hoist materials and equipment up separately c. Install catch platforms/safety nets before moving tools, equipment into a work area d. Use mechanical aids e.g., electric winch or gin wheels e. Delegate the task to a basic scaffolder or labourer 	<input type="checkbox"/>	<input type="checkbox"/>			

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Short Questions

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NS

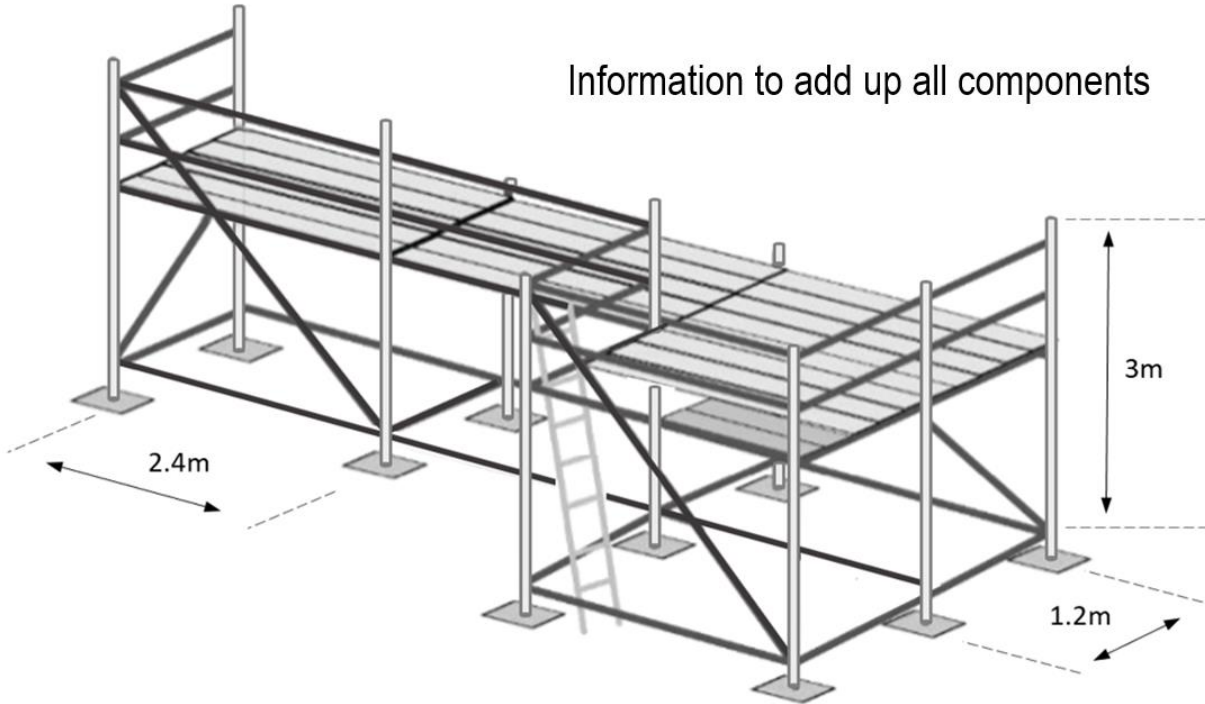
Short Questions

S

NS

33. Calculate the total weight of the scaffold by determining scaffold quantities using the table provided

Information to add up all components



Component	Length m	Weight (kg)	Quantity required	Total weight (kg)
Standard	2.0	11		
Standard	3.0	17		
Transom	1.2	7		
Ledger/Guardrail	2.4	9		
Brace (1.2m bay)	2.0	9		
Brace (2.4m bay)	3.6	16		
Captive plank 225mm	1.2	9		
Captive plank 225mm	2.4	19		
Ladder Access Putlog	1.2	7		
Adjustable base plate	0.75	6		
Ladder	0.4	19		
			Total weight	

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Short Questions

S

NS

Short Questions

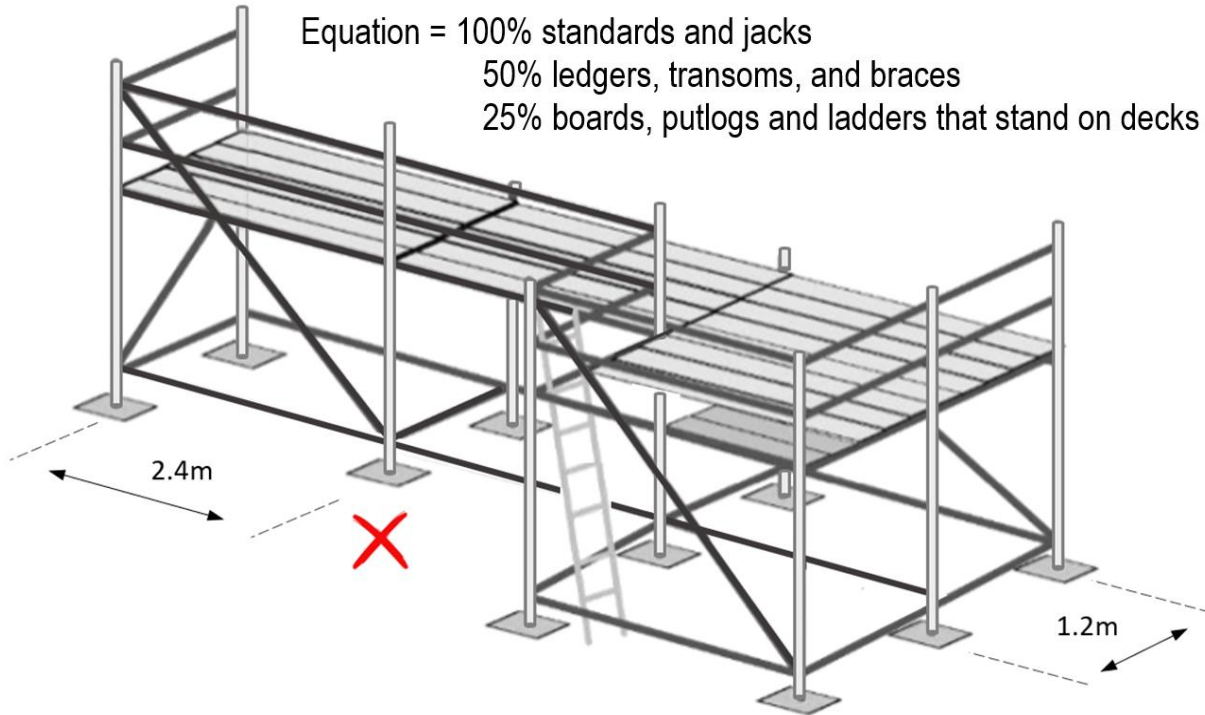
S

NS

34. Identify the required scaffold components to calculate the dead load on the base plate marked **X**

Calculate the dead load on the adjustable base plate marked **X**

Equation = 100% standards and jacks
50% ledgers, transoms, and braces
25% boards, putlogs and ladders that stand on decks



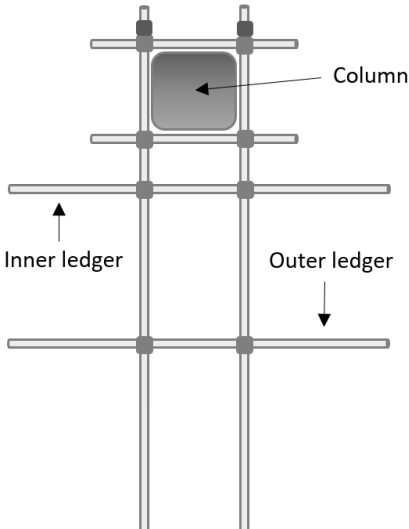
Component	Length m	Weight (kg)	Quantity required	Total weight (kg)	
Standard	2.0	11			
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Brace (2.4m bay)	3.6	16			
Captive plank 225mm	1.2	9			
Captive plank 225mm	2.4	19			
Ladder Access Putlog	1.2	7			
Adjustable base plate	0.75	6			
Ladder	0.4	19			
				Total weight	

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Short Questions	S	NS	Short Questions	S	NS
<p>35. Complete the following questions</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p>Calculate the live load in kg that can be carried by base plate X from the previous question for heavy duty work</p> </div> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p>Calculate the live load in kg that can be carried by base plate X from the previous question for light duty work</p> </div>				<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>36. Calculate the length of the soleplate required using the information given below</p> <p>Using the answer from question 35 calculate live load for Heavy Duty.</p> <p>Brackets must be completed first before dividing soil bearing capacity and soleplate width.</p> <ul style="list-style-type: none"> Dead load = 121.5 kg Live load = 337.5 kg Soil bearing capacity 2.6 t Sole plate width 400mm wide 	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

<p>37. Identify the quantity of scaffold components required to complete the box tie pictured below</p> <table border="1" style="width: 100%; margin: 10px 0;"> <thead> <tr style="background-color: #cccccc;"> <th colspan="2">Scaffold components</th> </tr> </thead> <tbody> <tr> <td style="width: 80%;">Tie tubes</td> <td style="width: 20%;"></td> </tr> <tr> <td>Right angle couplers</td> <td></td> </tr> <tr> <td>Check coupler</td> <td></td> </tr> </tbody> </table> <div style="text-align: center;">  </div>	Scaffold components		Tie tubes		Right angle couplers		Check coupler		<input type="checkbox"/>	<input type="checkbox"/>	<p>38. What types of hand tools would a basic scaffolder use?</p> <p><i>Provide three (3) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
Scaffold components													
Tie tubes													
Right angle couplers													
Check coupler													

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Short Questions	S	NS	Short Questions	S	NS						
39. Provide a brief description of the following terms				<input type="checkbox"/>	<input type="checkbox"/>						
Live load											
Dead load											
Static load											
Dynamic load											
Wind load											
Environmental load											
40. Consider the load capacity and minimum dimensions of the following work platforms and select the correct duty				<input type="checkbox"/>	<input type="checkbox"/>						
Up to 450 kg per platform per bay including a concentrated load of 150 kg. Platforms should be at least four traditional scaffold planks wide—approximately 900 mm	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Medium duty</td> <td style="width: 20%;"></td> </tr> <tr> <td>Heavy duty</td> <td></td> </tr> </table>					Medium duty		Heavy duty			
Medium duty											
Heavy duty											
Up to 225 kg per platform per bay including a concentrated load of 120 kg. Platforms should be at least two traditional scaffold planks wide—approximately 450 mm	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Light duty</td> <td style="width: 20%;"></td> </tr> <tr> <td>Medium duty</td> <td></td> </tr> <tr> <td>Special duty</td> <td></td> </tr> </table>					Light duty		Medium duty		Special duty	
Light duty											
Medium duty											
Special duty											
Up to 675 kg per platform per bay including a concentrated load of 200 kg. Platforms should be at least 1000 mm wide	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Heavy duty</td> <td style="width: 20%;"></td> </tr> <tr> <td>Special duty</td> <td></td> </tr> </table>					Heavy duty		Special duty			
Heavy duty											
Special duty											
Has a designated allowable load as designed	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Heavy duty</td> <td style="width: 20%;"></td> </tr> <tr> <td>Special duty</td> <td></td> </tr> </table>					Heavy duty		Special duty			
Heavy duty											
Special duty											

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Short Questions	S	NS	Short Questions	S	NS
<p>41. When would you decide the best communication methods for the task and who would you establish this with?</p> <p>a. Ensure appropriate methods are selected</p> <p>b. At the pre-start meeting or planning stage</p> <p>c. Ensure all personnel understand the communications to be used</p> <p>d. Relevant personnel</p> <p>e. All of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>42. What methods can you use to communicate with other personnel on-site?</p> <p><i>Provide four (4) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>43. What type of safety procedures would you consider when planning to erect scaffold near operational plant e.g., near overhead gantry crane or wind turbine?</p> <p><i>Provide four (4) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>44. What type of safety equipment would a basic scaffolder use?</p> <p><i>Provide four (4) examples to prevent falls and <u>other than basic PPE</u></i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>45. When would you inspect your safety equipment?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>46. When would you select a fall arrest system (energy absorber or inertia reel) as a suitable control method?</p> <p>a. When working at height</p> <p>b. When other risk controls are not feasible</p> <p>c. When available</p> <p>d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>47. What will cause a lanyard or safety harness to become unsafe for use?</p> <p>a. Frayed or Split</p> <p>b. Chemical damage</p> <p>c. UV or Heat damage</p> <p>d. Out of date</p> <p>e. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>48. What defects would indicate that a safety net is unsafe to install?</p> <p>a. UV damage</p> <p>b. Stretched</p> <p>c. Frayed fibres or Splits</p> <p>d. No tag</p> <p>e. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>49. Under what conditions would a safety net be installed?</p> <p>a. During construction to prevent unchecked falls</p> <p>b. Demolition works</p> <p>c. Under roof sheeting</p> <p>d. Circus activities</p> <p>e. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>50. What must be installed where a risk of fall exists regardless of scaffold height?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
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51. You are required to inspect a scaffolding task in a work area with the following sign, what personal protective equipment should be selected for use?

<input type="checkbox"/>	<input type="checkbox"/>
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PPE equipment selected for use	
Hard hat	
Safety boots	
Gloves	
Covid mask	
High-visibility clothing	
Hearing protection	
A hat, sight, or sun protection	
Dust mask	

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Short Questions	S	NS	Short Questions	S	NS
<p>52. When do you inspect safety equipment including personal protective equipment?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>53. Why is it necessary to inspect all scaffold components before use?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>54. What is required if unsafe or damaged equipment is identified?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>55. What defects will indicate that a scaffold access ladder is unsafe for use?</p> <p><i>Provide four (4) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>56. What defects will indicate that a metal scaffold plank is unsafe for use?</p> <p><i>Provide three (3) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>57. What defects will indicate that a timber scaffold plank is unsafe for use?</p> <p><i>Provide four (4) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>58. What defects will indicate that a scaffold tube is unsafe for use?</p> <p><i>Provide four (4) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>59. What checks should be made when selecting two-way radio communication equipment?</p> <p>a. Free of visual defects</p> <p>b. Battery sufficiently charged</p> <p>c. Channel setting</p> <p>d. Volume setting</p> <p>e. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>60. How can you ensure the task plan, risk controls and impact on other workplace activities are communicated to relevant personnel?</p> <p>a. Involve them in the task planning</p> <p>b. Involve them in the risk assessment process</p> <p>c. Establish and maintain communication throughout the entire work task</p> <p>d. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>61. When would you check that risk controls for identified hazards are in place?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>62. What type of turnbuckle would you use to attach a FSWR to an eyebolt?</p> <p>a. Closed body</p> <p>b. Collared</p> <p>c. Open-framed</p> <p>d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>63. When can a ratchet and pawl be used to tension a FSWR static line?</p> <p>a. When a static line sags more than 50mm/1m</p> <p>b. When fitting or adjusting a static line</p> <p>c. When permitted by manufacturer or engineer</p> <p>d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS																				
<p>64. What type of eyebolt must be used to anchor FSWR static line?</p> <p>a. Open eye bolt</p> <p>b. Collared</p> <p>c. Un-collared</p> <p>d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>																							
<p>65. Consider the following ground conditions and <u>select the four (4) most suitable to bear pressure</u></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th colspan="2" style="text-align: left;">Ground conditions</th> </tr> </thead> <tbody> <tr><td>Soft / water impacted soil</td><td style="width: 50px;"></td></tr> <tr><td>Rough uneven ground</td><td></td></tr> <tr><td>Shale rock</td><td></td></tr> <tr><td>Sandstone</td><td></td></tr> <tr><td>Compacted gravel with up to 20% sand</td><td></td></tr> <tr><td>Backfilled ground</td><td></td></tr> <tr><td>Hard rock</td><td></td></tr> <tr><td>Bitumen</td><td></td></tr> <tr><td>Hard compacted clay</td><td></td></tr> </tbody> </table>			Ground conditions		Soft / water impacted soil		Rough uneven ground		Shale rock		Sandstone		Compacted gravel with up to 20% sand		Backfilled ground		Hard rock		Bitumen		Hard compacted clay		<input type="checkbox"/>	<input type="checkbox"/>	
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<p>66. Who would you contact in order to establish the stability and suitability of the supporting surface?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>67. What is the reason you need to know the surface condition before starting work?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>																				

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Short Questions	S	NS	Short Questions	S	NS
<p>68. How can you reduce base plate point loading?</p> <p>a. Clean and inspect the baseplate</p> <p>b. Use distorted baseplates to provide additional friction</p> <p>c. Use soleboards under base plates and or screw jacks</p> <p>d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>69. What is the maximum allowable load for an aluminium adjustable base plate?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>70. What is the maximum allowable load for a steel base plate?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>71. What is the maximum allowable extension on an adjustable base plate when levelling scaffold?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>72. What distance above the maximum nut extension does the shank of an adjustable base plate need to extend?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>73. What is the minimum permitted size and thickness of a square base plate?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>74. Why would you avoid using scaffolding components from two different systems?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>75. What needs to be considered when loading scaffolding components for installation?</p> <p>a. The amount of time that the scaffold components will be placed on the loading surface</p> <p>b. The capacity of the loading surface to bear the weight of all components</p> <p>c. The capacity of the loading surface to carry the weight of all materials and workers</p> <p>d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>76. What types of equipment processes can be used to maintain the stability of structures?</p> <p>a. Ties b. Bracing c. Propping d. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>77. What is the function of a scaffold tie?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>78. If not specified, what is the correct spacing of ties for an unscreened or un-sheeted scaffold</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>79. What type of tie configurations can be used to stabilise a scaffold</p> <p><i>Provide four (4) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>80. What is the function of a scaffold brace?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>81. What methods could be used to stabilise a mobile scaffold?</p> <p><i>Provide three (3) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>82. How do you prevent movement of a mobile scaffold on castor wheels?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>83. What is the function of plan bracing on a mobile scaffold?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>84. What control measures can be used to minimise the risks involved with mobile scaffolds?</p> <p><i>Provide four (4) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>85. What hazards may result from using containment sheeting or screening?</p> <p><i>Provide three (3) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>86. What are the risks of using scaffold planks that exceed recommended span lengths?</p> <p><i>Provide three (3) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>87. How can you establish the unsupported maximum span length of a timber scaffold plank?</p> <p><i>Provide two (2) examples</i></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>88. What is the maximum allowable gap between planks of a working platform?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>89. What is the minimum width and thickness of a laminated softwood plank?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>90. Can you use planks of different thickness to deck out a working platform?</p> <p><i>Briefly explain your answer</i></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>91. When would containment sheeting/screens be used?</p> <p><i>Provide three (3) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>92. What person could approve the design of a sheeted/screened scaffold?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>93. What distance above the working platform must the toe board extend?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>94. What is the minimum height that you can install a top guard rail?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>95. What materials can be used for a guard rail?</p> <p><i>Provide two (2) examples</i></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>96. What is the maximum gap you can leave between the unprotected platform edge and the working face?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>97. What is the maximum load that a right-angle coupler can withstand before a risk of slipping on the tube occurs?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>98. What is the minimum allowable bay width for a medium duty working platform?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>99. What is the minimum allowable bay width for a heavy-duty platform?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>100. Under what conditions would planks be lapped on scaffold? <i>Provide two examples</i></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>101. Where should the base lift be fixed on a modular scaffold?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>102. What is the minimum width of clear access you would maintain on a working platform?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>103. If space is not an issue, would you fix a ladder internally or externally on a modular scaffold?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>104. How can you prevent persons from falling into a ladder opening on the scaffold platform? <i>Provide three (3) examples</i></p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>105. What grade of ladder is required to access a scaffold platform?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>106. What number of lifts can a portable ladder provide access to?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>107. What is the minimum height that an access ladder can protrude above a landing?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>108. How high can the tower of a cantilevered materials hoist extend above the last tie?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>109. What clearance distance is considered acceptable between a cantilevered hoist moving platform and any landing floor?</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>110. What is the function of a landing gate on a cantilevered materials hoist?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>111. What is the minimum height for a landing gate of a cantilevered materials hoist?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>112. How would you obtain information regarding the maximum distances between lateral braces for a cantilevered materials hoist?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>113. What type of temporary rope connections could be used when scaffolding?</p> <p>a. Rolling hitch</p> <p>b. Half hitch</p> <p>c. Figure 8</p> <p>d. Single bowline</p> <p>e. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>114. What is the maximum load that you can lift with a gin wheel?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>115. When a gin wheel is fixed to a cantilevered scaffold tube, what length can it protrude past the standard before bracing back to the scaffold is needed?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>116. Why would a gin wheel need to have rope guides?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>117. How would you establish what tool or device can be used to tension a static line?</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>118. What must be done with the tensioning device after tensioning the static line?</p> <p><i>For the purpose of the question assume you are not using a turn buckle or ratchet and pawl system.</i></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>119. What is an allowable way to secure the unterminated ends of static line wire rope?</p> <p>Provide three (3) examples</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>120. What type of tools or device can be used to tension a static line?</p> <p>Provide three (3) examples</p> <p>.....</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>121. How can you obtain information on the minimum forces that static line anchor points must withstand?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>122. What types of anchor devices can be used for fall arrest equipment? <i>Provide two examples</i></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>123. What type of treatment could cause a safety net to become unsafe for use? <i>Provide five (5) examples</i></p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>124. What information would you refer to when installing a catch net?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>125. How can you establish structural integrity before installing a bracket scaffold on a tank?</p> <p>.....</p> <p>.....</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>126. What must be done to prevent persons falling from a work platform into a ladder or stair access?</p> <p>a. Ladder hatch</p> <p>b. Ladder or stair bays</p> <p>c. Gate or tortured path to prevent unintentional access to stairway</p> <p>d. Slip resistant treads</p> <p>e. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>127. Why should additional or unwanted materials be removed from the work area as soon as possible?</p> <p>a. Hazard prevention</p> <p>b. Comply with environmental management plan</p> <p>c. Safety</p> <p>d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>

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Short Questions	S	NS	Short Questions	S	NS
<p>128. When is a scaffold required to be inspected?</p> <p>a. Before use</p> <p>b. Before using the scaffold after an incident or repair</p> <p>c. At least every 30 days</p> <p>d. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>129. What document is required before a scaffold can be utilised in the workplace?</p> <p>a. Green slip</p> <p>b. Safe work method statement</p> <p>c. Handover certificate</p> <p>d. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>130. What should be done with damaged scaffolding equipment that is identified during the dismantling process?</p> <p>a. Isolate</p> <p>b. Tag out</p> <p>c. Report defective items</p> <p>d. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>	<p>131. How would you correctly store scaffold and associated equipment?</p> <p>a. According to the site plan</p> <p>b. According to manufacturer instructions</p> <p>c. According to workplace procedures</p> <p>d. All the above</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>132. What should you do with risk control measures such as barriers, signs or safety nets when they are no longer needed?</p> <p>a. Remove them from the work area, inspect for defects and store them correctly</p> <p>b. Leave in place</p> <p>c. None of the above</p>	<input type="checkbox"/>	<input type="checkbox"/>			